Index of Claims

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10/539,766

Examiner

Helen C. Kwok

Applicant(s)/Patent under Reexamination

**GALLON ET AL.** 

Art Unit

2856

Rejected **Allowed** 

(Through numeral)
Cancelled

Restricted

Non-Elected N Interference

Appeal Α

0 Objected

|          |          | Ц  | Щ.   |          |              |  | ,            |  | ш  | Ь_   |    |             |          |          |          |   | -        | ı  |  |  |  |          |
|----------|----------|--|--|----------|--------------|--|--------------|--|--|--|----|-------------|----------|----------|----------|---|----------|--|--|--|--|----------|
|          | aim      | Т  |  |          |              | Date   |              |  |  |  | 1  |             | .:       | r        | _        |   |          | 201  |  |  |  |          |
| Cit      | 11111    | -  | ľ  |          |              | Date   | <del> </del> | _  |  | г  | {  | Cla         | aim<br>L | Н        |          |   |          | Date   | =  | _  |  | _        |
| Final    | Original | 5/12/06  |  |          |              |  |              |  |  |  |    | Final       | Original |          |          |   |          |  |  |  |  |          |
|          | 1        | 0  |  |          |              |  |              |  |  | П  | 1  |             | 51       | П        |          |   |          |  |  | Γ  | Г  | Г        |
|          | 2        | 0  |  | П        |              | Π  |              |  |  |  | 1  |             | 52       | П        |          |   |          |  |  |  |  | Г        |
|          | 3        | 0  |  |          |              |  |              |  |  | <u> </u>   |    |             | 53       |          |          |   |          |  |  |  |  |          |
|          | 4        | 0  |  |          |              | L  |              |  |  |  |    |             | 54       |          |          |   |          |  |  |  |  | Ι        |
|          | 5        | 0  |  | L        |              |  |              |  |  | L  |    |             | 55       |          |          |   |          |  |  |  |  | Γ        |
|          | 6        | 0  |  |          |              |  |              |  |  | L_   |    |             | 56       |          |          |   |          |  |  |  |  | L        |
| L        | 7        | 0  | L  | <u> </u> | <u> </u>     |  | <u> </u>     | _  | <u> </u>   | <u> </u>   |    |             | 57       | Ш        |          |   |          |  | _  |  | L_   | L        |
| <u> </u> | 8        | 0  | L  | <u> </u> |              | _  | L            | L_   | _  |  |    |             | 58       | Щ        |          |   |          | L  | L  | ᆫ  | ᆫ  | L        |
| <u> </u> | 9        | 0  | <u> </u>   | L        | _            |  | _            | L_   |  | L.   |    |             | 59       | Ш        |          |   |          |  |  |  | L  | L        |
| <u> </u> | 10       | 0  | <u> </u>   | <u> </u> | _            | _  | <u> </u>     |  | _  | _  |    | ļ           | 60       | Ш        |          |   |          | _  | _  | _  | ļ  | L        |
| <u> </u> | 11       | 0  | _  | <u> </u> | <u> </u>     | <u> </u>   | _            |  | _  | <u> </u>   | ļ  |             | 61       | Ш        | _        |   | _        | _  | _  | <u> </u>   | ┡  | L        |
|          | 12       | 0  | <u> </u>   | ⊢        | <u> </u>     | ├  | <u> </u>     |  | ├_   | <u> </u>   | l  |             | 62       |          | _        |   |          |  | L  | _  | ļ  | ₽        |
|          | 13       | 0  | -  |          | -            |  |              | ├—   | -  | ├  | ł  |             | 63       | Н        |          |   | -        | <u> </u>   | -  |  | ┝  | ╀        |
| <u> </u> | 14<br>15 | 0  | $\vdash$   |          | H            | ⊢  | _            | -  | -  | -  | ł  |             | 64<br>65 | Н        | -        | _ | $\vdash$ | -  | -  | ⊢  | ⊢  | ╀        |
|          | 16       | 0  | -  | -        | _            | -  | -            | $\vdash$   | -  | <u> </u>   | ł  |             | 66       | $\vdash$ | -        |   | ⊢        | <del> </del>                                     | <del> </del>                                     | ├  | ŀ  | ╀        |
|          | 17       | 0  | ⊢  |          | $\vdash$     | ⊢  | <del> </del> | $\vdash$   | ┢  | ├  | ł  |             | 67       | Н        | $\dashv$ | _ | $\vdash$ | $\vdash$   |  | -  |  | ╁        |
| $\vdash$ | 18       | ۲  | $\vdash$   |          | $\vdash$     | ⊢  | $\vdash$     | -  | -  | ├  | ł  |             | 68       | Н        | $\dashv$ |   | $\vdash$ | $\vdash$   | ┝  | $\vdash$   | ⊢  | ╁        |
|          | 19       | H  | -  | -        | -            | -  | $\vdash$     | ┢  | -  | ┢  | ł  |             | 69       | Н        |          |   |          |  | -  | ├  | ├  | ╁        |
|          | 20       |  |  |          | $\vdash$     | $\vdash$   |              | $\vdash$   | <del>                                     </del> | $\vdash$   | ł  |             | 70       | -        | -        |   | -        | $\vdash$   | -  | $\vdash$   | ⊢  | ╁        |
| <u> </u> | 21       |  | H  | $\vdash$ | -            | -  | -            | $\vdash$   | -  | H  | ł  |             | 71       | H        |          |   | _        |  |  | -  |  | ╁        |
| <u> </u> | 22       | ╁  | ┢  |          | $\vdash$     |  | $\vdash$     | $\vdash$   |  | $\vdash$   | i  |             | 72       | Н        | _        |   | -        | $\vdash$   | $\vdash$   | $\vdash$   | ┢  | ╁        |
|          | 23       |  |  |          | _            |  | $\vdash$     | m  |  | t  | İ  |             | 73       | H        |          |   |          | -  | -  | 1  | <del>                                     </del> | t        |
|          | 24       | $\vdash$   | Г  | Т        | $\vdash$     | $\vdash$   |              |  |  |  | 1  |             | 74       | П        |          |   |          |  |  |  | ┢  | T        |
|          | 25       |  | Г  |          |              | T  |              | İ  |  | T  | 1  |             | 75       | П        |          |   |          |  | _  | _  | ┢  | T        |
|          | 26       |  |  |          |              | Г  |              |  |  |  | 1  |             | 76       | П        |          |   |          |  |  |  | Г  | Т        |
|          | 27       |  |  | Π        |              | Г  |              | Г  |  | Г  | 1  |             | 77       | П        |          |   |          |  |  |  |  | Τ        |
|          | 28       |  |  |          |              |  |              | Г  |  |  | 1  |             | 78       | П        |          |   |          |  |  | ļ —  | Г  | Γ        |
|          | 29       |  |  |          |              |  |              |  |  |  | ]  |             | 79       |          |          |   |          |  |  |  |  | Γ        |
|          | 30       |  |  |          |              |  |              |  |  |  |    |             | 80       |          |          |   |          |  |  |  |  | L        |
|          | 31       |  | <u> </u>   | 乚        |              |  |              |  |  |  |    |             | 81       |          |          |   |          |  |  |  |  | L        |
|          | 32       | L  |  | L        | L            | 乚  |              | $oxed{oxed}$                                     |  | L  | ]  |             | 82       | Ш        |          |   |          |  |  |  | L  | L        |
|          | 33       | _  | ·  |          | <u> </u>     | <u> </u>   |              | _  |  |  | Į  |             | 83       |          |          |   |          |  | L  |  | <u></u>  | L        |
|          | 34       |  | _  | L        | <u> </u>     | _  | <u> </u>     | <u> </u>   | _  | L  | ļ  |             | 84       | Ш        | _        |   | _        |  | _  |  | L  | ┞        |
| L        | 35       |  | _  | <u> </u> | _            | _  | _            | _  | <u> </u>   | <u> </u>   | ļ  |             | 85       | Н        | _        |   |          | _  | _  |  | L  | L        |
| <u> </u> | 36       | ₩.   | ┡  |          | <u> </u>     | ├_   | <u> </u>     | <u> </u>   | _  | ┞  | Į. |             | 86       | Н        |          |   | <u> </u> |  | _  | <u> </u>   |  | L        |
|          | 37       | ₩  | <u> </u>   | ├-       | _            | ⊢  | <u> </u>     | _  |  | -  | l  |             | 87       | Н        |          |   | _        | _  | <u> </u>   |  | ļ  | ╀        |
| ├        | 38       |  | -  | ⊢        | <del> </del> | ┝  | <u> </u>     | ⊢  | ├  | ⊢  | ł  |             | 88       | $\vdash$ |          |   | <u> </u> | _  | _  | <u> </u>   | _  | ┞        |
| ├        | 39       | -  | -  |          | ⊢            | <u> </u>   | -            | $\vdash$   | -  |  | ł  | _           | 89       | Н        |          | _ | <u> </u> | -  | H  | <u> </u>   | ┝  | ╀        |
| <u> </u> | 40       | ┢  | -  | ├        | ┝            | H  | ┝            | $\vdash$   | ┢  | ⊢  | ł  |             | 90<br>91 | Н        | _        |   | -        | -  |  | ├  | -  | ╀        |
| ├        | 42       | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$     | ⊢  | $\vdash$     | ├  | -  | ⊢  | ł  |             | 92       | Н        | -        |   | -        | $\vdash$   |  | ├  | ├  | $\vdash$ |
| -        | 43       | <del> </del>                                     | -  | $\vdash$ | $\vdash$     | -  | -            | $\vdash$   | $\vdash$   | ┢  | ł  |             | 93       | Н        | -        |   | $\vdash$ | $\vdash$   | ┢  | ⊨  | $\vdash$   | +        |
| -        | 44       | $\vdash$   | $\vdash$   | 一        | -            | <del>                                     </del> |              | $\vdash$   | $\vdash$   | $\vdash$   | l  | <del></del> | 94       | $\vdash$ |          | _ | $\vdash$ | ├  | <del> </del>                                     | ⊢  | -  | ╁        |
|          | 45       | Н  | $\vdash$   | т        |              | Н  | $\vdash$     | H  | Н  | <del>                                     </del> | ĺ  |             | 95       | H        |          |   |          | <del>                                     </del> | <del>                                     </del> | $\vdash$   | ┢  | T        |
|          | 46       | $t^-$  | $\vdash$   | $\vdash$ | $\vdash$     | Н  |              | <del>                                     </del> | $\vdash$   | $\vdash$   | 1  | -           | 96       | Н        | $\neg$   | _ | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | t        |
|          | 47       | <del>                                     </del> | <del>                                     </del> |          |              |  | <u> </u>     | ┢  | Ι-   | $\vdash$   | 1  |             | 97       | Н        | _        | - | Н        | <del> </del>                                     | <del>                                     </del> | <del>                                     </del> | ┢  | T        |
|          | 48       |  | $\vdash$   | Т        |              | <u> </u>   | Г            | T  | $\vdash$   | 1  | 1  |             | 98       | $\Box$   |          | _ | Г        | t  | t  | t  | H  | T        |
|          | 49       | T  | 1  | Г        |              | <u> </u>   |              | Γ  | <u> </u>   | T  | 1  | <b></b>     | 99       | П        |          |   | <u> </u> | Т  | Г  |  | Г  | T        |
|          | 50       | Г  |  | T        | Γ            |  | Г            | Г  | Г  | Π  | 1  |             | 100      | П        | $\Box$   |   |          | T  | Г  | Г  | Π  | T        |
|          |          |  | •  | -        |              | -  | -            |  | -  |  | •  |             |          |          |          |   |          |  |  |  | _  | _        |

| Cla  | aim                        |                                     |          |          |         | Date                                |                                     |   |  |          |
|--|----------------------------|-------------------------------------|----------|----------|---------|-------------------------------------|-------------------------------------|---|--|----------|
|  | ı                          |                                     |          |          |         |                                     | _                                   |   |  |          |
| Final  | Original                   |                                     |          |          |         |                                     |                                     |   |  |          |
|  | 51<br>52                   |                                     |          |          |         |                                     |                                     |   |  |          |
|  | 52                         |                                     | L        | L        |         |                                     |                                     |   |  |          |
|  | 53                         | L                                   |          |          |         |                                     |                                     | $ldsymbol{ld}}}}}}}$         |  | _        |
|  | 54<br>55                   |                                     |          |          |         |                                     |                                     |   | <u> </u>   |          |
|  | 55                         |                                     |          |          |         |                                     |                                     |   |  |          |
|  | 56                         |                                     |          |          |         |                                     |                                     |   |  |          |
|  | 57                         |                                     |          |          |         |                                     |                                     |   |  |          |
|  | 58                         |                                     |          |          |         |                                     |                                     |   |  |          |
|  | 59                         |                                     |          |          |         |                                     |                                     |   |  |          |
| L  | 60<br>61                   |                                     |          |          |         |                                     |                                     |   |  | L        |
|  | 61                         |                                     |          |          |         |                                     |                                     |   |  |          |
|  | 62                         |                                     |          |          |         |                                     |                                     |   |  |          |
|  | 63                         |                                     |          | $\Box$   |         |                                     |                                     |   |  | L        |
|  | 64                         |                                     |          |          |         |                                     |                                     |   |  |          |
|  | 64<br>65                   |                                     |          |          |         |                                     |                                     |   |  |          |
|  | 66                         |                                     |          |          |         |                                     |                                     |   |  |          |
|  | 67                         |                                     |          |          |         |                                     |                                     |   |  |          |
|  | 68<br>69                   |                                     |          |          |         |                                     |                                     |   |  |          |
|  | 69                         |                                     |          |          |         |                                     |                                     |   |  |          |
|  | 70                         |                                     |          |          |         |                                     |                                     |   |  |          |
|  | 71                         |                                     |          |          |         |                                     |                                     |   |  |          |
|  | 72                         |                                     |          |          |         |                                     |                                     |   |  |          |
|  | 71<br>72<br>73<br>74<br>75 |                                     |          |          |         |                                     |                                     |   |  |          |
|  | 74                         |                                     |          |          |         |                                     |                                     |   |  |          |
|  | 75                         |                                     |          |          |         |                                     |                                     |   |  |          |
|  | 76<br>77                   |                                     |          |          |         |                                     |                                     |   |  |          |
|  | 77                         |                                     |          | _        |         |                                     |                                     |   |  |          |
| <u></u>  | 78                         |                                     |          |          |         |                                     |                                     |   |  |          |
|  | 79                         |                                     |          | L        |         |                                     |                                     |   |  |          |
|  | 80                         |                                     |          |          |         |                                     |                                     |   |  | L        |
|  | 81                         |                                     |          |          |         |                                     |                                     |   |  |          |
|  | 82                         | L                                   | L        | L        |         |                                     |                                     |   |  |          |
| $ldsymbol{ld}}}}}}$ | 83                         |                                     |          |          |         | L                                   | L                                   |   |  |          |
| <u></u>  | 84                         | L                                   | L_       | L_       |         |                                     | Ш                                   | Ш   |  |          |
| L  | 85                         | L                                   | <u> </u> |          |         | L                                   |                                     |   |  |          |
|  | 86                         | L.                                  | <u>L</u> |          |         |                                     | Ш                                   | L.,   |  |          |
| <u></u>  | 87                         | ļ                                   | L        | <u> </u> |         |                                     |                                     |   |  | L        |
| L  | 88                         |                                     |          | <u> </u> |         |                                     |                                     |   | Ш  |          |
| igspace  | 89                         | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u> |          | Щ.      |                                     | Ш                                   | L_  | L_   | <u> </u> |
|  | 90                         | <u> </u>                            | ļ        | <u> </u> | Щ.      |                                     | L.,                                 | L.,   | Ш  | _        |
|  | 91                         | <u> </u>                            | oxdot    | <u></u>  |         | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |                                     | <u> </u>  | L_   | <u> </u> |
| L  | 92                         |                                     |          | L        | Ш       | L                                   |                                     | Ш   | Ш  |          |
| L  | 93                         | <u> </u>                            | <u> </u> |          | Ш       | <u> </u>                            | L                                   | Ľ.  | <u></u>  | <u> </u> |
| <u> </u>   | 94                         | <u> </u>                            | <u> </u> | _        | L       | L_                                  | L_                                  | Щ   | L  | <u> </u> |
| <u> </u>   | 95                         | L_                                  | <u> </u> | L        | <u></u> | $ldsymbol{ldsymbol{\sqcup}}$        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $ldsymbol{le}}}}}}$ | $ldsymbol{ld}}}}}}$ | <u> </u> |
| <u> </u>   | 96                         | <u> </u>                            | <u> </u> | <u> </u> | Щ       | L                                   | L_                                  | L   | L_   | <u> </u> |
| <u> </u>   | 97                         | L_                                  |          | <u> </u> | L.      | L                                   | L                                   | Щ   | <u> </u>   | <u> </u> |
| <u> </u>   | 98                         | $\vdash$                            | <u> </u> | <u> </u> | _       | $\vdash$                            | ldash                               | $ldsymbol{ldsymbol{ldsymbol{eta}}}$   | <u> </u>   | <u> </u> |
| <u></u>  | 99                         | <u> </u>                            | <u> </u> | <u> </u> | Ш       | $\vdash$                            | _                                   | <u> </u>  | _  | $\vdash$ |
| 1  | 100                        |                                     | Ł        |          |         |                                     |                                     |   |  |          |

| Cla        | Date  |          |  |  |              |              |                                     |          |                  |          |
|------------|---|----------|--|--|--------------|--------------|-------------------------------------|----------|------------------|----------|
| Final      | Original                                      |          |  |  |              |              |                                     |          |                  |          |
| <u>i</u> Ē |   |          |  |  |              |              |                                     |          |                  |          |
|            | 101   |          |  |  |              |              |                                     |          |                  |          |
|            | 101<br>102<br>103                             |          |  |  |              |              |                                     |          |                  |          |
|            | 103   |          |  | <u> </u>   | $oxed{oxed}$ |              |                                     |          | L                |          |
|            | 104   | Щ        |  | _  | _            | _            |                                     |          | ļ                | Ш        |
|            | 105<br>106<br>107                             |          |  | <u> </u>   |              |              |                                     |          | <u> </u>         | Ш        |
|            | 106   |          | <u> </u>   | <u> </u>   |              |              |                                     |          | _                | Н        |
|            | 107   |          |  | <u> </u>   | $\vdash$     | _            | Н                                   | _        | ├                | Н        |
|            | 108<br>109                                    | -        |  | H  | _            | _            |                                     |          | ⊢                |          |
|            | 110   |          |  | $\vdash$   |              |              |                                     |          | H                | $\vdash$ |
| _          | 111   |          |  | $\vdash$   |              |              |                                     |          | -                | Н        |
|            | 112   |          |  | H  | H            | H            |                                     | H        | -                | $\vdash$ |
|            | 113   |          | <del>                                     </del> | _  | $\vdash$     | Н            | Н                                   | Н        |                  | Н        |
|            | 113<br>114<br>115                             |          |  | $\vdash$   | -            |              | Н                                   | Н        | $\vdash$         | Н        |
|            | 115   |          |  | Г  |              |              | $\vdash$                            | _        |                  | Н        |
|            | 116   |          |  |  |              |              |                                     |          |                  |          |
|            | 116<br>117<br>118                             |          |  |  |              |              |                                     |          |                  |          |
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|            | 119   |          |  |  |              |              |                                     |          |                  |          |
|            | 120   |          |  |  |              |              |                                     |          |                  |          |
|            | 121   |          |  |  |              |              |                                     |          |                  |          |
|            | 119<br>120<br>121<br>122<br>123               |          |  | Щ  |              |              |                                     |          |                  | Ш        |
|            | 123   |          |  |  |              |              |                                     |          |                  | Ш        |
|            | 124<br>125<br>126                             | L        |  |  |              |              |                                     |          |                  |          |
|            | 125   |          |  | _  |              |              |                                     |          |                  |          |
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|            | 128   |          | ļ  |  |              |              | _                                   |          |                  | Н        |
|            | 129   | -        | -  | <u> </u>   | _            |              |                                     | _        | -                |          |
|            | 130   |          | -  | H  | _            | -            | $\vdash$                            |          | $\vdash$         |          |
|            | 132   | ⊢        |  |  |              |              | -                                   | _        | $\vdash$         | H        |
|            | 132   | $\vdash$ |  | $\vdash$   |              | -            |                                     |          | $\vdash$         | $\vdash$ |
|            | 134   | -        |  |  | _            | -            | $\vdash$                            | _        | $\vdash$         |          |
|            | 135   |          | $\vdash$   | <del>                                     </del> |              | -            | Н                                   | H        | $\vdash$         | Н        |
|            | 135<br>136<br>137<br>138<br>139               | $\vdash$ |  | $\vdash$   |              | -            |                                     | _        | $\vdash$         | $\vdash$ |
|            | 137   | П        |  | Н  | Н            | Г            |                                     | Н        | $\vdash$         | Н        |
|            | 138   |          |  | $\vdash$   |              | Г            |                                     |          |                  | Н        |
|            | 139   |          |  |  |              |              |                                     |          |                  |          |
|            | 140   |          |  |  |              |              |                                     |          |                  |          |
|            | 141   |          |  |  |              |              |                                     |          |                  |          |
|            | 142   |          |  | 匚  |              |              |                                     |          |                  |          |
|            | 143   |          |  |  |              |              |                                     |          | $ldsymbol{oxed}$ |          |
|            | 144   | L_       | <u> </u>   | <u> </u>   | $oxed{oxed}$ | $oxed{oxed}$ | L                                   | Щ        | <u> </u>         | Ш        |
|            | 145   | L.       | <u> </u>   | L  |              | ļ            | L                                   |          | _                | Ш        |
|            | 146   | ᆫ        | <u> </u>   | <u> </u>   | <u> </u>     | L            | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Щ        | <u> </u>         | Ш        |
|            | 147   | L.       | <u> </u>   | _  | <u> </u>     | L            | L.                                  | <u> </u> | <u> </u>         | Щ        |
|            | 148   | <u> </u> | <u> </u>   | $\vdash$   | $\vdash$     | <u> </u>     | <u> </u>                            | -        | $\vdash$         | Н        |
|            | 149   | <u> </u> | <u> </u>   | Ь.   | <u> </u>     | $\vdash$     | $\vdash$                            | $\vdash$ | $\vdash$         | Н        |
|            | 150   | Щ        |  | L  | L            | L            |                                     | Ц_       | L                |          |